

**Experiment Number:** C20105-59  
**Test Type:** TOX  
**Route:** Whole Body Exposure  
**Species/Strain:** Rat/Harlan Sprague Dawley

**R02: Reproductive Performance Summary**  
**Test Compound:** Cell Phone Radiation: GSM  
**CAS Number:** CELLPRADGSM

**Date Report Requested:** 07/14/2017  
**Time Report Requested:** 11:33:02  
**Lab:** NTP

<b>C Number:</b>	C20105-59
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both

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F0 Female

Treatment Groups (W/kg)

Litter ID		0	1.5	3	6
A	No. Females Mated	56	56	56	56
	No. Females Littering	50	47	47	48
	No. Pregnant Females Not Littering	2	3	3	4
	No. Dead Females	1	0	0	0
	Percent of Pregnant Females/Mated <sup>a</sup>	92.9	89.3	89.3	92.9
	Percent of Non-pregnant Females/Mated <sup>a</sup>	7.1	10.7	10.7	7.1
	Percent of Littered Females/Mated <sup>a</sup>	90.9	83.9	83.9	85.7
	Percent of Littered Females/Pregnant <sup>a</sup>	96.2	94.0	94.0	92.3
	Gestational Length <sup>b</sup>	21.9 ± 0.1 (50)	21.9 ± 0.1 (47)	22.0 ± 0.1 (47)	21.9 ± 0.1 (48)

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LEGEND

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Pre-coital interval in days is calculated for sperm positive females; results shown as mean  $\pm$  SEM (N)

Gestation length in days calculated for sperm positive females that delivered a litter; results shown as mean  $\pm$  SEM (N)

Animals removed from study between mating and littering excluded from calculations of percent littered females

<sup>a</sup>Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests

<sup>b</sup>Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

**\*\* END OF REPORT \*\***